T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. 1st and final Bill BR-A17/29-3-14 191570

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency KRIDL

Date of commencement of work Date of Record = 29/03/2014

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Name of work:- Improvement of drains and Roads in Ward No-09. Vidyarayapura Sub-Div Estimated Cost Rs : 35.00 Lakhs, NB. No : 009-14-000040 Work order No : EE/BYP/BBMP/KRIDL/WO/456/2013-14 dt. 21.02.2014 Date of commencement : 22-02-2014 Date of completion : 28-03-2014						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Earthworks Excavation by manual means in hard soil including an average horizontal throw upto 2m and an average lift upto 0.5m, Excavated surface levelled and roughly trimmed, the disposed Earth to be levelled neatly after breaking of clods etc complete as per specifications and directions of Engineer in charge of the work.						
	Qty as per MB 1958 P 19568						
	# no. ① 526.50 m³					90.72 m³	47,764.80
27	Providing and laying in position plain cement concrete of mix M-25 with OPC cement @ 180 kg/m³						

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency....
Date of commencement of work.....

Date	Full description, etc, of work
1	2
	using 40mm and d aggregate @ 0.85 m³ mixed. Concrete laid i compacted in fondat labour, Hom of ma specifications and d work.

REMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
nual means in hand dail throw upto 2m and as ays ghe levelled and finishing th to be levelled neatly ompletean per specifications charge of the work.				
ty rate mB 1958 p 195768 .①. 526.50 ft³ @			90.72 /-	47,764.00
n plain cement concrete t @ 1:8 typ ~~0.58~~ yd³				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

191571

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions			Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6	
	using 40mm and downsize graded granite metal, locally aggregate @ 0.85 yd³ and fine aggregates @ 0.58 yd³ machine mixed. Concrete laid in layers not exceeding 150 mm thickness fully compacted in foundations and plinth, including curing all material, labour, Hire of machinery, curing etc complete as per specifications and directions of Engineer-in-charge of the work.					
	Qty vide mB. no. 1958 p. 195770					
	##.no 2. ② = 76.05 yd³ @ 4290.84/- yd³				3,26,318:38	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(3)	Providing and constructing granite/trap/basalt syc stone masonry in foundations with cement mortar 1:6, stone hammer dressed, in courses not less than 20cms high, and steps at 2m apart in each course including cost of materials, labour, curing etc complete as per specifications and directions of Engineer-in-charge of work.						
	CD1	2	4.45	0.60	0.80 =	4.27	
	CD2	2	4.55	0.60	0.80 =	4.37	
	CD3	2	4.90	0.60	0.80 =	4.70	
	CD4	2	5.20	0.60	0.80 =	4.99	
						18.343	

@ 3049.96/ cum Lakhs 16.204

57509.00

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	4) Providing rulled pointing c.m 1:3, 20mm thick 20mm nicely lining curing etc complete as Engineer-in- charge
	CD1
	CD2
	CD3
	CD4

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
ke/ trap/ basalt size stone				
ement mortar 1:6, stone having				
than 20cms high, and etc				
including cost of materials labour				
ecification and directions of				
4.45	0.60	0.80 =	4.27	
4.55	0.60	0.80 =	4.37	
4.90	0.60	0.80 =	4.70	
5.20	0.60	0.80 =	4.99	
			18.343	
9.96/ sft	Total to		16.204	57509.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

191572

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	4) Providing rulled pointing to coursed stone masonry with c.m 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining; including costs of materials, labour, curing etc complete as per specifications and directions of Engineer-in-charge of work.						
	CM1	2	4.45	-	0.80	7.12	
	CM2	2	4.55	-	0.80	7.28	
	CM3	2	4.90	-	0.80	7.84	
	CM4	2	5.20	-	0.80	8.32	
						30.56	2100.00
	Total to 27.404 @ 77.76/ sft						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						Qty vide MB. No = 1958	
						P. No 1957/3 2nd No. (3) = 1768.204 m²	
						@271.08/m² Rs 47,9323.4	
7)	Providing and laying in position reinforced Cement Concrete of design mix M 20 with OPC Cement @ 320 kgs with 20mm and down size graded granite metal Coarse aggregates @ 0.878 m³ of fine aggregate @ 0.459 m³ with Superplasticiser @ 3 l/b Confirming to IS. 9103-1999 & 9 Revised - 2008, machine mixed, Concrete laid in layers not exceeding 150mm thick vibrated for all Works in fund?, plinth, ground floor level for Roof						

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work
1	2
	slabs, staircase, lint... including attached pla... pillars, posts, struts, ... coping, bed blocks, pl... Specifications and direc...
	Yeragapalayam
	a) Main Road R/s Bottom [drain] Concrete & R/s

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
(vide MB. No = 1958				
7) = 22 No. (3) = 1768.204			e271.08/42 B	47,9323.44
reinforced Cement				
with ope Cement @				
? size graded granite				
8 y3 of fine aggregate				
e 31/15 Curing to				
machine mixed, Concrete				
thickly vibrated for				
floor level for Roof				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 191574

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Slabs, Staircase, lintels, retaining walls, return walls, wall including attached pilasters, columns piers, abutments, pillars, posts, struts, buttresses, string to facing courses, parapets coping, bed blocks, plain window sills etc complete as per Specifications & all directions of Engineer-in-charge of the work						
	Yeroppalayam						
	a) main Road R/S Bottom (drain) & Covers & C/S	2 @ 1	27.20	0.90	0.15 =	7.34 y3	
		2 @ 1	30.00	0.90	0.15 =	8.10 "	
		2 @ 1	14.00	0.90	0.15 =	3.78 "	
		2 @ 1	11.30	0.90	0.15 =	3.05 "	

CRFC

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(b) 1st Road Right side. R/S	1	30.00	0.90	0.15 =	4.05	
		1	14.90	0.90	0.15 =	2.01	
	L/S	1	36.00	0.90	0.15 =	4.86	
	(c) 1st CROSS Left side R/S	1	27.00	0.90	0.15 =	3.65	
		1	23.10	0.90	0.15 =	3.12	
		1	20.00	0.90	0.15 =	2.70	
	(d) 2nd CROSS Road R/S & L/S	2x1	30.00	0.90	0.15 =	8.10	
		2x1	18.50	0.90	0.15 =	5.00	
	(e) CROSS - Road R/S	1	30.00	0.90	0.15 =	4.05	
		1	16.30	0.90	0.15 =	2.20	
	L/S	1	30.00	0.90	0.15 =	4.05	
		1	27.10	0.90	0.15 =	3.66	
	for side wall drain Main - Road						

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work
1	2
	R/S
	L/S
	1st CROSS - Road (Right side) R/S
	L/S

MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
30.00	0.90	0.15 =	4.05	
4.90	0.90	0.15 =	2.01	
6.00	0.90	0.15 =	4.86	
7.00	0.90	0.15 =	3.65	
3.10	0.90	0.15 =	3.12	
.00	0.90	0.15 =	2.70	
0.00	0.90	0.15 =	8.10	
3.50	0.90	0.15 =	5.00	
30.00	0.90	0.15 =	4.05	
16.30	0.90	0.15 =	2.20	
30.00	0.90	0.15 =	4.05	
7.10	0.90	0.15 =	3.60	

Cl Fc

M. A. R. 57 (Rule 116)
Measurement Book

No. B

191575

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2		Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		Rt	2×1	27.20	0.15	0.50 =	4.08	
			2×1	30.00	0.15	0.55 =	4.95	
			2×1	14.00	0.15	0.50 =	2.10	
			2×1	11.30	0.15	0.50 =	1.70	
		Lt	2×1	27.20	0.15	0.50 =	4.08	
			2×1	30.00	0.15	0.55 =	4.95	
			2×1	14.00	0.15	0.50 =	2.10	
			2×1	11.30	0.15	0.50 =	1.70	
	1st Cross-Road (Right hand)	Rt	2×1	30.00	0.15	0.50 =	4.50	
			2×1	14.90	0.15	0.55 =	2.40	
		Lt	2×1	36.00	0.15	0.50 =	5.40	

Cl Fc

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1st Cross L/S Road - R/S	2×1	27.00	0.15	0.50 =	~~3.47~~ 4.05	
		2×1	23.10	0.15	0.55 =	~~3.30~~ 3.47	
		2×1	20.00	0.15	0.50 =	~~4.50~~ 3.30	
	2nd Cross Road R/S	2×1	30.00	0.15	0.50 =	4.50	
		2×1	18.50	0.15	0.50 =	2.78	
	L/S	2×1	30.00	0.15	0.50 =	4.50	
		2×1	18.50	0.15	0.55	3.05	
	Cross Road - R/S	2×1	30.00	0.15	0.50 =	4.50	
		2×1	16.30	0.15	0.50 =	2.40	
		2×1	30.00	0.15	0.50 =	4.50	
		2×1	27.10	0.15	0.55 =	4.47	
	for curving slab main Road L/S & R/S	2×1	27.20	0.90	0.100 =	4.90	

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work
1	2
	1st Cross - R/S - R/S
	L/S
	1st Cross - L/S - R/S
	L/S
	2nd Cross R/S

ENT BOOK

Dimensions			Contents	Reference to last Measurement
gth	Breadth 5	Depth 6	7	8
	0.15	0.50 =	~~3.41~~ 4.05	
	0.15	0.55 =	~~3.30~~ 3.47	
	0.15	0.50 =	~~4.50~~ 3.30	
	0.15	0.50 =	4.50	
	0.15	0.50 =	2.78	
	0.15	0.50 =	4.50	
	0.15	0.55	3.05	
	0.15	0.50 =	4.50	
	0.15	0.50 =	2.40	
	0.15	0.50 =	4.50	
	0.15	0.55 =	4.47	
	0.90	0.10 =	~~4.90~~	

C & FC

M. A. R. 57 (Rule 116)
Measurement Book

No. B 191576

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2×1	30.00	0.90	0.10 =	5.40	
		2×1	14.00	0.90	0.10 =	~~1.26~~ 2.52	
		2×1	11.30	0.90	0.10 =	~~2.04~~	
	1st CROSS - Rt - Rt	1	30.00	0.90	0.10 =	2.70	
		1	14.90	0.90	0.10 =	1.34	
	Lt	1	36.00	0.90	0.10 =	3.24	
	1st CROSS. Lt - Rt	1	27.00	0.90	0.10 =	2.43	
	Lt	1	23.10	0.90	0.10 =	2.08	
		1	20.00	0.90	0.10 =	1.80	
	2nd CROSS Rt	2×1	30.00	0.90	0.10 =	5.40	

C & FC

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2 nos	18.00	0.90	0.10	3.24	
	Cross-Road - 14	1	30.00	0.90	0.10	= 2.70	
		1	16.30	0.90	0.10	= 1.47	
	4	1	27.10	0.90	0.10	= 2.44	
		1	30.00	0.90	0.10	= 2.70	CBR
	for CD Deduct						
	CD1	1	4.45	1.80	0.10	= 1.84	
	CD2	1	4.55	1.80	0.10	= 1.88	
	CD3	1	4.90	1.80	0.10	= 2.03	
	CD4	1	5.20	1.80	0.10	= 2.15	
						203.66 m³	
					CM	201.89 m³	
			@ 5639.76/m³				1136468.00

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work
1	2
	8) Providing, Trans, str... straighting, cutting, ... lapping and or welding ... bridging work and ... necessary complete ... Hand, machinery ... and breaking of ...

MENT BOOK

Dimensions			Contents	Reference to last Measurement
ength 4	Breadth 5	Depth 6	7	8
.50	0.90	0.10 =	3.34	
.00	0.90	0.10 =	2.70	
.30	0.90	0.10 =	1.47	
1.10	0.90	0.10 =	2.44	
.00	0.90	0.10 =	2.70	
.45	1.80	0.10 =	1.84	
.35	1.80	0.10 =	1.88	
.90	1.80	0.10 =	2.03	
.20	1.80	0.10 =	2.10	
			201.66	
		CMC	201.57	
5639.76/4				1136468.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

191577

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	8) Providing TMT steel reinforcement for RCC work including straighting, cutting, bending, hooking, placing in position, tapping and or welding wherever required tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design, costing material, labour tooling machinery all complete as per specifications and directions of Engineer-in-charge of work.						10,27,534.00

Up side MB. No. 1958 P. 195773

Item No. (4) = 137.91 QMC 7450-92/04

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	9) Lead for disposal of debris shall be payable at Contract rates by mechanical means including loading and unloading etc complete as per specifications and directions of Engineer in charge of work.						
	Orig. Est. No. (1)						
	= 526.50 × 3 × 72.71						38281.82
	Total B						31,29,923.12
	Add 11%. Applicable LCR EDL charges						343631.53
	Grand Total. B						34,67,555.00
							3467555

29/03/14

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work
1	2

29/03/14

MEAS NT BOOK

Date	Full description, etc, of work	No.	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	5	6	7	8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 3467555=00				IT - 69351	
	ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ: ಇದರಲ್ಲಿ ರೂ 502302=00				WT - 138702	
	ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು				ESI - 225391	
	ರೂ 2965253=00				LWF - 34676	
	ಈ ಮುಖಾಂತರ ನೀಡಬಹುದಾಗಿದೆ				CESS - 3468	
	ಲೆಕ್ಕಾಧಿಕಾರಿಗಳು				Roy - 30714	
					Total - 502302=00	
					20/1/16	

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency...

Date of commencement of work.....

Date	Full description, etc, of work
1	2